

Application Number 10/806,301  
Amendment dated August 12, 2005  
Reply to Office Action of May 20, 2005

Amendments to the Specification:

Please replace the paragraph at page 1, lines 16-19 with the following amended paragraph:

MOS transistors are widely in use as ~~discrete~~switching~~discrete switching~~ devices in semiconductor devices. With the increase in integration of semiconductor devices, the size of the MOS transistor has been reduced. As a result, the reduction in the channel length of the MOS-transistor causes a short channel effect.